

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a sensor unit (1) having a measured signal receiver (4),  
5 which registers a measured signal (9), an A/D converter (5) for digitizing the measured  
signal (9), a transceiver device (6) for wireless data communication to an environmental  
device (2), and a processor (7). The processor (7) is a control processor for activating  
the measured signal receiver, the A/D converter, and the transceiver device. The  
digitized measured signal (9) is transmitted directly via the transceiver device (6) to the  
10 environmental device (2), without the complex and performance-intensive and therefore  
costly analysis occurring in the sensor unit (1).

15 (Figure 1)